

2004 Annual Report Review

Permittee: GENWAL Resources, Inc.
Mine Name: Crandall Canyon
Permit Number: C/015/0032
Date Report Received: September 21, 2005
Assigned Reviewers: Karl Houskeeper, Engineer/Inspector *KRH by an* **Date Completed:** October 25, 2005
 Joe Helfrich, Biologist *JH* December 5, 2005
 Steve Fluke, Hydrologist *SF by an* March 16, 2006

Instructions: The assigned staff will review their respective portions of the Annual report and provide a written determination (findings) on how the mine has or has not met the permit requirements for reporting. If the report is deficient or remedial action is required to obtain compliance, this should be noted and the inspector notified. Once all reviewers have completed the report, they should initial it and a copy will be filed in the Mine Internal File.

Assignments:

Inspectors: Review each cover sheet, AVS Legal/Financial, Mine Sequence Maps.
Hydrologists: Review Water Monitoring Data, Precipitation and Climatological Data, Non-Coal Waste
Biologists: Review Vegetation/Revegetation Success Monitoring, Raptor Survey
Engineers: Review Subsidence Monitoring Data, Annual Impoundment Certification, Annual Overburden, Spoils, Refuse, Floor, etc.

SECTIONS TO REVIEW	SUBMITTED		FINDINGS
	YES	NO	
Cover Sheet	<input checked="" type="checkbox"/>	<input type="checkbox"/>	A cover sheet was submitted with the 2004 Annual Report.
AVS; Legal/ Financial Update	<input checked="" type="checkbox"/>	<input type="checkbox"/>	A copy of the Utah Department of Commerce Business Entity Search was included within the annual report. The form indicates that Genwal Resources, Inc. is active and in good standing.
Mine Sequence Map	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Crandall Canyon Project Hiawatha Seam 2004 Production Areas map was included in the annual report. The map shows the areas mined in 2004 and is P.E. stamped, dated and signed by a registered P.E. in the State of Utah. The date on the map is March 24, 2005.
Water Monitoring Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All required water monitoring data for 2004 was submitted electronically to the Division database in a timely manner. A hydrologic monitoring summary report for 2004, prepared by Petersen Hydrologic, was included with the annual report.
Precipitation & Climatological Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Precipitation data is included in the annual report in the form of a precipitation log. Climatological data is included in the hydrologic monitoring summary report for 2004, prepared by Petersen Hydrologic.
Non-Coal Waste report	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not required.

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	YES	NO	
Subsidence Monitoring Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>	A subsidence profile drawing was included in the annual report. The aerial survey for subsidence was not performed in 2004. Notice of Violation NO N05-49-2-1 was issued for failure to conduct the 2004 aerial subsidence survey on September 8, 2005. Actual data/data table (2004 or Historical) was not submitted.
Annual Impoundment Certification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The sediment pond was inspected on December 20, 2004 and P.E. certified, stamped, signed and dated March 30, 2005 by a registered P.E. in the State of Utah. No visible hazards or weaknesses or instability were observed.
Annual Overburden, Spoil, Refuse, Floor, etc.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No information for overburden, excess spoil or refuse was submitted. The site does not have any excess spoil or refuse piles.
Vegetation Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Quantitative and qualitative vegetation data were taken on topsoil stockpile #4 9/9/04. Vegetation on the pile is dominated by grasses. A color photo included in the report indicates that the pile is stable and shows no signs of erosion.
Revegetation Success Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	As noted in previous section.
Raptor Survey	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not required.
Other Information	<input type="checkbox"/>	<input type="checkbox"/>	

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